

**BAYNUNAH CLASS
71-METRE CORVETTE**

**P O W E R F U L
M U L T I - R O L E
P E R F O R M A N C E**

The 71-metre Baynunah Class Corvette provides the UAE Navy with a multi-role surface vessel capable of sustained operations throughout the GCC region. This unique corvette class of warship can perform diverse missions, including coastal patrol and surveillance, mine detection, helicopter operations, maritime interdiction, support to friendly forces, and possess multidimensional anti-air and anti-surface capabilities.

These vessels feature a steel-constructed hull and deck, with an aluminium superstructure designed to minimise radar cross section. The vessels are fitted with a state-of-the-art combat management system that provides control over all major onboard weapon systems for state-of-the-art Threat Evaluation & Weapon Assignment (TEWA) capability to undertake all combat missions of the Ship at Platform and Force levels. .



S P E C I F I C A T I O N S ---

TECHNICAL DATA

LOA	71.3m
LWL	62m
Beam	11m (approx.)
Draft	3.5m (approx)
Displacement	955t (full load)
Speed	29kn
Endurance	14 days
Range	1,910 nautical miles @ 15kN
Fuel capacity	110t
Fresh water capacity	10t
Helicopter	Aft deck and hangar arrangement for two helicopters

MACHINERY

Main Machinery	4 x MTU marine diesel engine 16V595 TE90, 4190 KW
Gearboxes	Renk Marine Reduction Gear Units, AUSL 50
Propulsion	3 x Kamewa waterjets model 112S11 and 125B11
Bow thruster	SCHOTTEL Bow Thruster type STT 170 LK(18KN – 100KW)

ELECTRICAL

Power generation	4 x MTU diesel generators of rating 312 KVA, 450 V, 3Φ, 60 Hz
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ACCOMODATION

Cabins	2 x two-man cabin 1 x three-man cabin 2 x six-man cabin 1 x 11 -man cabin 1 x 12-man cabin 1 x 18 man cabin
Mess area	1 x mess room
Galley	1 x fully equipped galley
Complement	55 officers and crew plus 5 VIPs

COMBAT SYSTEM

Fire control RADAR system

3D radar

CMS

EW systems

EOMS

76mm forward gun

Two 27 side guns

SAM launcher system

SSM launching system

Laser ESM